



### Grace:

### The enterprise AI platform

Governance, Risk Management & Compliance for Al

# CONTENTS

1.	Meet Grace	<u>p.3</u>
2.	Collaboration for efficient Al implementation	<u>p.4</u>
3.	Orchestration of your reference architecture for AI	<u>p.5</u>
4.	Governance, Risk & Compliance support across your organization	<u>p.6</u>
5.	<ul> <li>Grace's three key functional areas</li> <li>Grace for Development</li> <li>Grace for Operation</li> <li>Grace for Governance</li> </ul>	<u>p.7</u> <u>p.8</u> <u>p.9</u> <u>p.10</u>
6.	Regulatory excellence for AI	<u>p.11</u>
7.	Compliance Requirements	<u>p.12</u>
8.	Introducing AI governance	<u>p.13</u>



### **Meet Grace:**

The enterprise AI platform with full support for Governance, Risk & Compliance (GRC) for AI



Grace offers an efficient, secure, and robust AI implementation across any organization, standardizing processes and workflows across AI projects, including all elements from data ingestion, model development, oneclick deployment, and model life cycle management. In short, Grace covers the full range of rich functionality your organization needs to be AI proficient.

With Grace, you have access to a comprehensive, yet seamless, solution to comply with the growing number of external guidelines and regulations, and internal policies to documentation and report to different functions, e.g., CSR, ethical charters, and boards. Grace includes a flexible solution for organizations and regulators to construct tangible metrics, such as Fair, Explainable, Accountable, and Transparent (FEAT) AI. The configurable Rules Engine and Impact Assessment module in Grace offer many additional options to guarantee GRC for other AI requirements.

Grace ensures that the growing GRC for AI does not become a risk for slowing or stopping AI implementation.



# **Collaboration for efficient AI implementation**

Grace offers **Data Scientists** the desired elasticity and openness to work with the exact tools they want. This allows them to develop AI models efficiently and test new open-source AI and data science libraries.

With Grace, **IT** has full operational ability to offer secure and robust infrastructure support for AI across clouds and on-prem environments. Grace eliminates 'Shadow AI' by providing the IT department a real enterprise-wide perspective on all AI projects.

**Compliance managers** using Grace can monitor at an event level and report risk management for AI. This will make them leaders in implementing AI and in achieving regulatory excellence.





- What're the ethical, social, and legal impacts of implementing this 3rd party AI model?
- Are our internal processes enforced?
- How precisely do I manage my AI risks?
- What happens if I get an audit?
- How can I comply with EU/FDA/FSA/IEC/IEEE regulations?



# **Orchestration of your reference architecture for Al**

The Grace Enterprise AI platform

Designed for flexibility, extensibility and continued growth The Grace AI platform is developed using best-ofbreed open-source tools and built to orchestrate your reference architecture for AI. Grace offers a curated, scalable, and flexible enterprise AI infrastructure, providing the most advanced tools and efficient workflows for experienced data scientists and engineers. Grace also lowers the entry barriers for new functional and operational roles in AI projects, including technical, IT, business, project management, and compliance.

### **Infrastructure Agnostic**

Customers can work in the infrastructure of their choice. Grace offers installation across all major clouds, hybrid-clouds, and on-prem environments.



# Governance, Risk & Compliance support across your organization

Grace is the first platform to offer complete GRC support for AI. With Grace, any organization has access to seamless and auditable AI implementation, including automated documentation, validation and certification through data exploration, AI development, deployment, and operation. Grace offers organizations the ability to scale their Al implementation to comply with internal and external regulations, guidelines, and policies. In addition, Grace enables collaboration across the different functional areas of an organization, adding value for each of the stakeholders.



## Grace's three key functional areas

Develop, operate, and govern

The Grace Enterprise AI platform is built on best-ofbreed open-source tools designed to orchestrate your reference AI architecture across your organization's levels. Our comprehensive platform offers our clients stability, scalability, and unparalleled flexibility, for example, by providing data scientists as much freedom as they need to develop new models.

Grace is optimized to lower entry barriers for new Al users across all functional and operational roles, including technical, IT, project management, and compliance, while still offering efficient workflows for experienced data scientists and engineers.

#### Enterprise-wide collaboration on AI Projects

All information is shared seamlessly in real-time between all relevant functions and stakeholders in your Al projects.

Grace enables an organization to execute and operate without unnecessary 'pen and paper' stumbling blocks. When documentation piles up, progress gets held back. Grace reduces this documentation while increasing learning across areas within the organization, reducing compliance burdens.



### **Grace for Development**

Loromise

We know that the development process is critical to the success of an AI project, and for that reason, we made a platform to give data scientists the freedom they need.

Grace offers Data Scientists the desired elasticity and openness to work with the exact tools they want. This allows them to efficiently develop AI models, automate data science processes and test new open-source AI and Data Science libraries in very flexible infrastructures.

#### Grace offers data scientists:

- Easy access to data
- Flexible computing and storage
- Effortless project setup maintenance
- Automated data science processes
- The latest open-source libraries
- A library of model accelerators and pretrained models



### **Grace for Operation**

With Grace, IT and data engineers have full operational ability to offer a secure and robust MLOps reference architecture for AI across clouds and on-prem environments. Data engineers can deliver robust and scalable automation to ensure life-cycle support and bias monitoring.

Model SLA's are supported, and scalability is guaranteed. Grace eliminates 'Shadow AI' by offering the IT department a real enterprise-wide perspective on all AI projects.

#### Grace offers IT professionals:

- Cloud, on-prem, hybrid, and edge support
- Horizontal scalability and load balancing
- Al operational excellence and SLA support
- Effortless deployment
- Robust and distributed automation for retraining
- Bias monitoring and data transformations
- IT security and operational governance monitoring
- Infrastructure cost forecasting, constraining, and monitoring

OPERATE					
గోగి	Production	One click deploy	Automated horizontal scaling		
······		Structured + timeseries models	Image - Video models		
4999 1999	Business Integration	······			
		Pipeline builder	Aplication builder		
	Management Reporting	Automate model deploy	Automate data ingest		
<b>FUE</b>	Analytics & Dashboards	Automate testing and bias metrics	Automate model re-training		
Ψ	Analytics & Dashboards				
·····		Infrastructure cost control	Data science and data engineer dashboards / KPI's		
£	Model Life-cycle Management	IT operational dashboards / KPI's	DS / IT management dashboards / KPI's		

### **Grace for Governance**

A key element of risk management and compliance is high transparency across the organization's AI solutions. Grace provides the tools to make your organization a leader in regulatory excellence. With Grace, compliance managers can apply existing or new frameworks to enable collaborative risk management across all projects and models. With Rules and Certificates, compliance managers work with data scientists and IT to define a project's standard set of requirements.

Grace's unique approach to governance allows the team to track progress against a set list of tasks without requiring the team to change their work style. With the right tools, the entire organization can understand and act upon any KPIs or new concepts that arise with new Al solutions.

### Grace offers compliance managers:

- The ethical, social, and legal impacts of implementing AI models, whether developed in a 3rd party model or platform
- Standard frameworks for internal process requirements
- Standard frameworks for compliance within the EU, FDA, FSA, IEC, ISO, IEEE, country or industry-specific legislation
- Freedom to build frameworks by mixing and matching relevant standards AI risk management
- Internal and external audit assistance

GOVERNANCE				
Rules & Rule sets	Impact assessment rules	Assessment reporting		
	Impact assessment compliance	Assessment builder		
Impact Assessments	Meta - Data repository	Flexible Meta-Data visualization		
Model Audit & Reporting	Assessment + Meta-Data rules	Rule builder		
Risk Management	Audit roles	Model compliance monitoring		
	Audit reporting	Segregation of duties		
Model Certification	Model certification	Compliance to-do list		



### **Regulatory excellence for AI**

**Business Leaders** 

The regulations currently being put into effect continuously challenge the business leaders looking to implement Al. We offer a solution. With Grace, you receive a fully flexible and configurable platform for both internal and external governance measures to evaluate impact and risks and regulate workflows. Grace allows you to accommodate current and future regulatory demands, which are costly to handle ad-hoc. The functionality includes monitoring of Al models in real-time and delivering information and reports to all relevant stakeholders.

### Grace's AI governance functionality includes:



#### **Standard Impact Assessments**

Grace delivers 50 major Impact Assessments from the get-go for a quick start to AI Governance.



#### Flexible Impact Assessment Designer

A flexible architecture ensures that the full range of both internal and external ethics guidelines and regulations are designed and tailored to meet your individual needs.



#### Segregation of duties / Workflows

Grace also includes the segregation of duty and workflows, validation, and tracking requirements, offered as a configurable solution to accommodate specific organizational needs.

### **Compliance Requirements**

Data Scientists

The burden of documentation and reporting to internal and external stakeholders is an increasing challenge data scientists face. Data scientists spend more time on processes, documentation, and governance over developing models for your organization's benefit. Grace makes data scientists and consolidated data science functions more efficient. In addition, Grace offers the seamless deployment and monitoring of AI models in real-time, enabling data scientists to deliver any fixed format or ad-hoc information to the relevant functions within an organization.



#### Grace's AI governance functionality includes:

#### Meta data and event action tracking

Grace's proprietary event engine offers a fully configurable tracking technology to monitor and track all data and event actions in real-time.



#### Advanced dashboarding

Grace shows a wide range of fixed and configurable real-time dashboards that reflect real-time information gathering results. Grace's straightforward dashboarding keeps all relevant information easily accessible.



#### Relationship

All data and events are also saved in a graph database, enabling a detailed and comprehensive analysis of relationships between data and other events. This tool is particularly relevant for documenting GDPR, DPA, and additional compliance reporting.

### **Introducing AI Governance**



# It's time to re-think and build for the future!

Leaders in AI are constantly striving toward regulatory excellence. To succeed in AI, you need to implement AI governance

Working with AI requires keeping in line with guidelines and regulations. 2021.AI works with the most ambitious and forward-looking leaders and organizations that want to implement their AI practically and with a strong AI governance. This way, you can ensure that your AI is Fair, Explainable, Accountable, and Transparent (FEAT). By taking the lead on AI Governance, you can reduce business and reputational risks, leading to long-term value generation for your organization.

FIND OUT MORE ABOUT AI GOVERNANCE

Transparency leads to Fairness and Accountability which leads to Trust

Transparency

Fairness and Accountability



### About us

**2021.AI** serves the growing need for enterprise-wide AI. Our Grace Enterprise AI Platform seamlessly orchestrates AI across all levels of an organization while offering a comprehensive AI governance solution to help clients reach regulatory excellence. 2021.AI is headquartered in Copenhagen with sales and R&D in several locations.



### Contact us





